



C600 Classic Series

User Manual

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Introduction

Dear Valued Customer,

Thank you for your purchase of SensaSound C600 Classic Series speakers, before you unpack and install the products we suggest that you read through this owner's manual and save it for future reference. This manual can help you complete the right system connection and placement which will optimize the speakers' performance successfully. Should you still have any further questions about the products, please contact your local dealer or directly write us an email about your inquiry. Welcome to our SensaSound family, it is time to enjoy your sensational sound.

SENSASOUND TEAM

Important Safety Notice

Read and follow these instructions:

1. Do not use this apparatus near water or in any wet environment.
2. Clean the apparatus only with a dry cloth.
3. Keep the apparatus away from any sources that produce heat.
4. The apparatus should be properly installed so that its location or position does not block any ventilation openings. Also, it should not be placed in a built-in installation, such as a bookcase or cabinet which may impede the air flow.
5. Power cords should be protected so that they are not likely to be walked on or pinched especially near the plugs, convenience receptacles, and the point where they exit from the apparatus.
6. Do not defeat the safety purpose of the polarized or grounding-type plug.
7. Only use attachments that are specified by the manufacturer.
8. In order to prevent the damage to the product during lightning or power-line surges, unplug the apparatus from wall outlet.
9. Use the appropriate shipping tools when moving the apparatus to avoid the injury from tip-over and fall-off.
10. Do not overload wall outlet and extension cords in order to avoid the risk of fire or electric shock.
11. Ask for service assistance from qualified personnel when apparatus has been damaged, such as damage to the supply cord or plug, liquid spillage into the apparatus, damage to the apparatus from fallen objects, significant change in performance, malfunctions or water exposure etc.
12. Unplug the power cord from apparatus when unused for a period of time.
13. The objects which are filled with water, such as vases, should not be placed on the apparatus.
14. Do not place the apparatus on unstable stand, shelf, bracket or table. This may cause a serious injury and product damage. Please follow all instructions in this manual.

Caution



This symbol warns the presence of dangerous voltage inside the enclosure. There is a high risk of electric shock if the product is opened at which the symbol appears. Please follow all instructions specified in this manual.

Unpacking Instruction

1. Before unpacking the box, check the integrity of the package and ensure that there is no visual signs of damage. Otherwise you should consult your SensaSound dealer before you start the installation.
2. When unpacking the box, handle with care in order to avoid any damage to the product.
3. Keep the original carton for future shipping.

Accessories Package

FS-C600

Base Board	1
Glove	1
Spikes	4
Lock Screws	4
Manual Book	1
Sponge	1

CS-C600

Manual Book & Glove	1
Sponge	2

SS-C600

Glove	1
Manual Book	1
Accessory Package	1

Connection and Installation

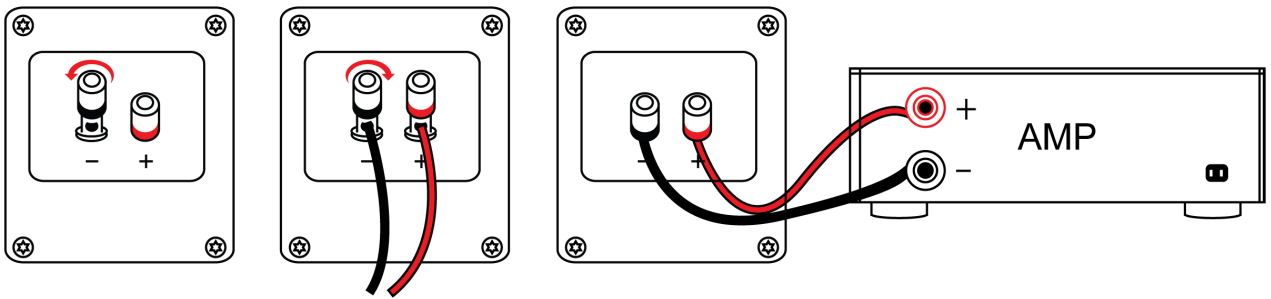
Important: Turn off all equipments before you making any connection.

Properly connect the system for achieving the best performance. If possible, choose the highest quality cable within your budget. You need thicker cable for longer runs.

You have several options for connection. SensaSound Gold-Plated binding post is easily matched to different connectors such as bare wire, banana plugs, flat cable, round cable and spade lugs. Commonly we recommend to use bare wire or banana plugs.

Bare Wire

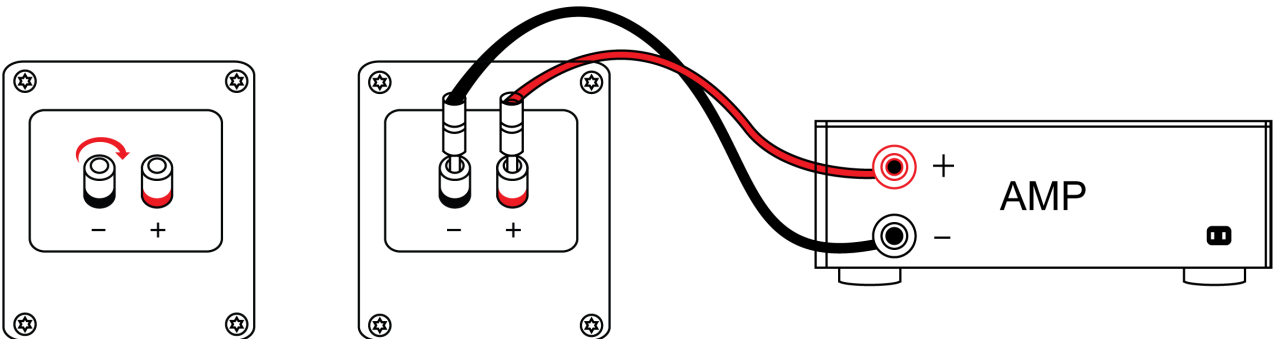
1. If you choose to use bare wire, first separate your wire into two pieces and strip $\frac{1}{2}$ " of insulating layer off from the end of each wire.
2. Twist the exposed copper strands until they are tightly unified.
3. Unscrew the binding posts cap in a counter-clockwise direction.
4. Insert the bare speaker wire into the hole of binding post and tighten it in a turning-clockwise direction. Make sure that you will not insert the insulation section into the hole as it may interfere the connection.
5. Note that there is a red (+) and a black (-) terminal on the rear of each speaker. Make sure that you connect the positive (+) terminal of your amplifier or receiver to the red (+) terminal on your speaker, and connect the negative (-) terminal of your amplifier or receiver to the black (-) terminal on your speaker.



Banana Plugs

If you prefer to have a flexible location with different speakers, you can choose banana plugs connection for a convenient connect and disconnect.

1. Most banana plugs has obvious color-coding for red (+) indicates positive terminal and black (-) indicates negative terminal.
2. Insert the banana plugs respectively into the right end of binding posts on rear of speaker.
3. Make sure that the banana plugs are completely connected with the binding posts.
4. Connect the positive (+) terminal of your amplifier or receiver to the positive(+) terminal on

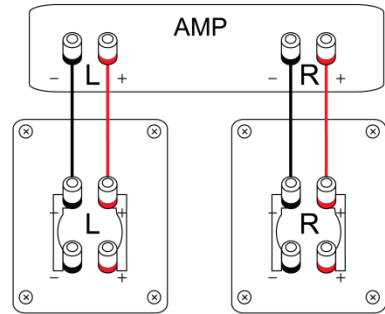


There are 2 pairs of binding posts on the rear of FS-C600 so you can have several connected options.

Single-Wiring

Single wiring is the most conventional connection.

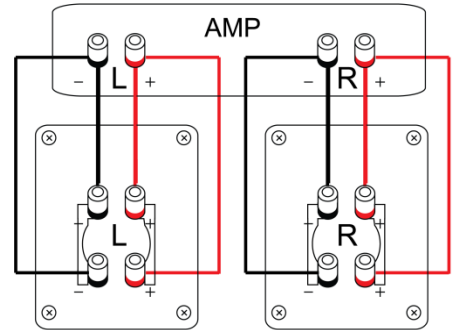
1. Keep the terminal links in place, you can also use bare wire to link the terminal.
2. Just connect one pair of terminals to the amplifier. Always make sure the connection consistency of terminal polarity.



Bi-Wiring

Bi-wiring can improve the low-level details and overall transparency.

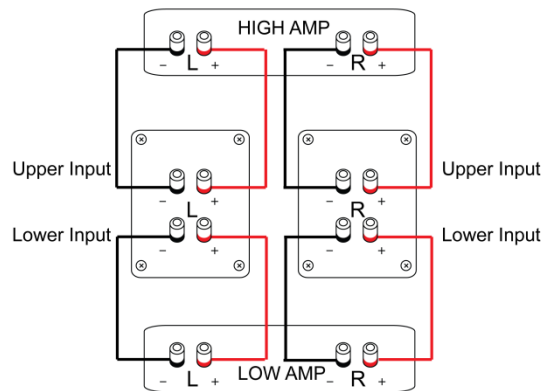
1. Remove the terminal links from the speakers.
2. Connect one set of speaker wires to the upper terminal on speaker and one set to the lower terminals on speaker. Connect them independently to the amplifier output.



Bi-Amping

Bi-amping allows you to use two amplifiers for greater dynamics.

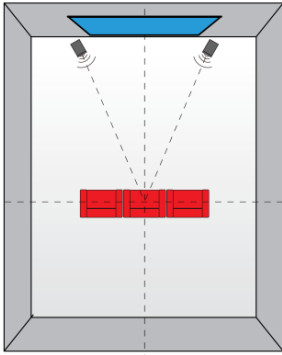
1. Remove the terminal links from the speakers.
2. Connect the upper set terminals on speaker to one amplifier output and follow the same principle to do the lower set terminals on speaker. We recommend you to use identical amplifiers and identical gains.



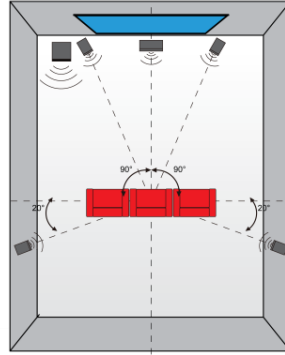
System Set Up

1. Enter into the receiver's setup menu and go to "speaker setup". Select "small" for surround and center speakers, and select "large" for floor standing speakers.
2. Choose the proper crossover point according to your speaker specification.
3. In the speaker distance menu, you should measure the distance between your speakers and your mainly listening position, then input the distance into the menu.
4. When you set up the volume level menu, you should adjust the volume level carefully until each speaker is at the same loudness and at a comfortable listening volume. A SPL meter can help you do the setup more accurate.

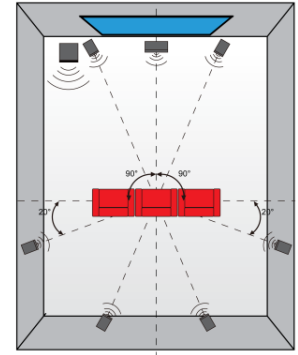
Golden Rule Placement



HiFi Stereo



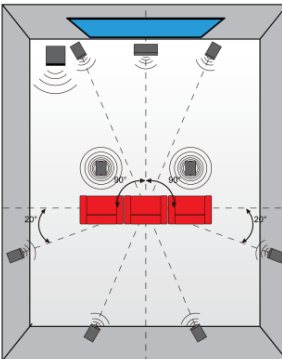
Home Theater 5.1



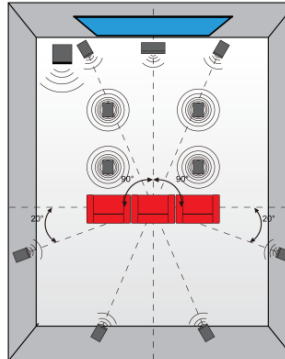
Home Theater 7.1

1. The front speakers should always be kept at the same horizontal level with the audience ear height, if not, then they should be kept their height difference at least within 24". This is because man's ear is more sensitive to horizontal position rather than vertical position.
2. Do not place any sofa or furniture between the speakers and listening positions.
3. For surround speakers, the best height is above 26" from audience's ears which is generally 70" to 80" above the ground.
4. Surround speakers should form a 90° - 110° angle to center speaker, while the rear speakers form a 135° - 150° angle to the center speaker.

Dolby Atmos Placement



Dolby Atmos 7.1.2



Dolby Atmos 7.1.4

1. If your AV receiver supports Dolby Atmos technology, you can upgrade your home theater system into Dolby Atmos 7.1.2 or Dolby Atmos 7.1.4 system.
2. Dolby Atmos system is flexible for surround speaker placement. This system can deliver a much greater enveloped sound field by adding surround speakers into the ceilings.
3. The theater room ceiling should be flat with no arches, edges or corners for a smooth response.
4. The ceiling height is ideal between 94" to 106" for a best audio performance.

Design and Driver

C600 Classic Design

C600 Classic is our classic series designed for hi-fi and home theater systems. The elegant natural cherry veneer perfectly matches each place of your living space. It can capture the essence of the audio and reproduce the very original sound for your pure concert and movie like experience.

We designed and manufactured this system with identical driver configuration for an acoustic uniformity. The custom-made aluminum tweeter features a pure and brilliant sound and is fully protected from a metal grille. For midrange and bass drivers, we adopt highly refined fiberglass cones to ensure a stunning vocal clarity and dynamics.

The new C600 Classic is ideal for both audiophile listening and home theater enjoyment with its flexible combination. With two front speakers and one subwoofer, the music system can deliver the fantastic details of music that you may never heard before. You can also make different combination for home theater systems, C600 product size will be perfectly suitable for most living rooms and family space. SensaSound C600 Classic will undoubtedly impress you with its graceful sound and unprecedented performance.

C600 Classic Driver

1" Custom-Design Aluminum Tweeter

FS-C600 tweeter is designed for best audio performance – warm, clear sound with no harsh. It adds much detail for authentic reproduction of instruments sound.

Custom-Made Tweeter Metal Grille

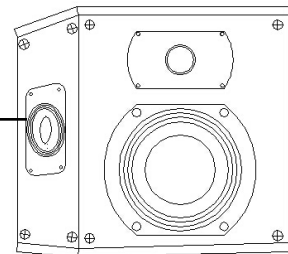
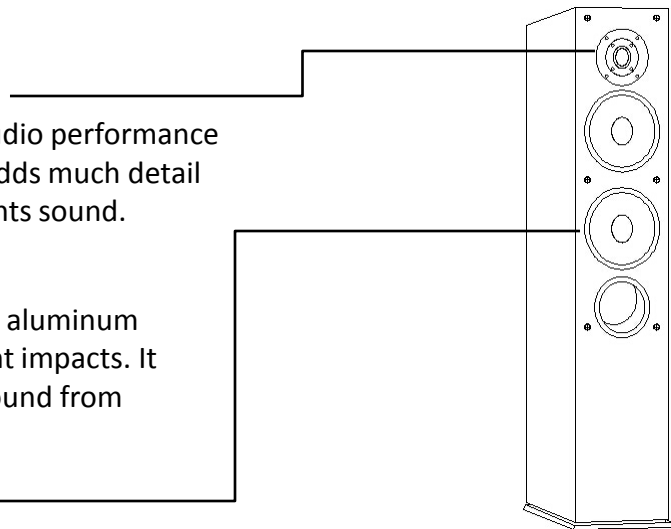
We specially design a metal grille for 1" aluminum tweeter to protect it avoid any shipment impacts. It ensures the pure transmission of the sound from tweeter.

5.25" Fiberglass Mid-Woofers

The robust fiberglass mid-woofers deliver a distortion-free sound, you can hear the details of the dialogue with ideal accuracy.

4" Compressed Paper Cone

The 4" side-mounted compressed paper cones deliver the diffuse sound into the listening area to make SS-C600 an unique dipole speaker.



C600 Classic Family



FS-C600

FS-C600 front speaker delivers rich details with incredible accurate, absolute transparency and extraordinary dynamic soundstage. FS-C600 aluminum tweeter gives a very clear and brilliant sound with amazing fidelity. The 1" dome tweeter is covered with a metal grille which totally protects the speaker from any shipment impacts. The tight fiberglass mid-woofers deliver a quick response and excellent transient which are virtually free of any unwanted vibrations, making the midrange sound extremely pure without any annoying resonance and distortion, even at extreme listening level the dynamic details and accuracy are guaranteed.

CS-C600

CS-C600 center speaker features a slim and symmetrical design. It utilizes the same driver materials and components as the FS-C600 to ensure the system consistency and timbre match. When fixed horizontally the center channel balances the whole placement successfully. It transmits clear and accurate sound from a compact unit. Combined with two floor standing speakers the C600's three front speakers are acoustically identical and in seamless transitions while sound moves from the left to the right. By outstanding performance, the CS-C600 could be matched to use with any high-end home theater systems.

SS-C600

SS-C600 surround speaker is a dipole speaker features its 3-way sealed design. Unlike direct radiating monopole speakers, The SS-C600 includes one front-mounted 1" aluminum tweeter and one 5.25" fiberglass mid-woofer cone, which use the same driver as the front C600 speakers to confirm the system acoustic identity. The dual 4" midrange compressed paper cones are mounted on each side. The system's unique design delivers the sound image directly and indirectly into the listening area, creating a diffuse and spacious sound field that perfectly immerse you into the action. Combined with the rest speakers the whole system creates an impressing enveloped sound stage that allows you to experience superior imaging and stunning surround sound.



C600 Classic Specification

FS-C600

Frequency Response	40Hz~20KHz
Impedance	80hm
Sensitivity	90dB
Recommend Power	.60W
Max Power	100W
Crossover	.700Hz, 2.5KHz
Tweeter	.1" Aluminum Tweeter
Woofer	.5.25" Fiberglass Drivers
Enclosure Type	18mm MDF Cabinet
Dimensions (W*H*D)	7.4"*41.3"*11.8" (19cm*105cm*30cm)
Weight	39.6 lbs(18.0 Kg)

CS-C600

Frequency Response	60Hz~20KHz
Impedance	80hm
Sensitivity	90dB
Recommend Power	.60W
Max Power	80W
Crossover	.2.5KHz
Tweeter	.1" Aluminum Tweeter
Woofer	.5.25" Fiberglass Drivers
Enclosure Type	18mm MDF Cabinet
Dimensions (W*H*D)	19.6"*7.4"*9.8" (50cm*19cm*25cm)
Weight	19.6 lbs(8.9 Kg)

SS-C600

Frequency Response	60Hz~20KHz
Impedance	80hm
Sensitivity	90dB
Recommend Power	.40W
Max Power	60W
Crossover	.750Hz, 2.5KHz
Tweeter	.1" Aluminum Tweeter
Mid-Range	.4" Compressed Paper Cone
Woofer	.5.25" Fiberglass Drivers
Enclosure Type	15mm MDF Cabinet
Dimensions (W*H*D)	10.6"*10.2"*7.1" (27cm*26cm*18cm)
Weight	9.9lbs(4.5Kg)

Warranty

We promise that all SensaSound speakers are elaborately designed and manufactured with the strictest quality requirements. Under normal use we warranty them free from defects in materials and workmanship for a certain warranty period from the original purchase date.

- The warranty for FS-C600 is valid for 3 years.
- The warranty for CS-C600 is valid for 3 years.
- The warranty for SS-C600 is valid for 3 years.

If any defects in materials and workmanship occur within the limited warranty period, you can get immediate help from the following ways:

Contact the dealer from whom you purchased the products

Or you can send an email to **service@sensasound.com**

However, after the warranty period, you will be responsible for the charges incurred from spare parts, labor service and shipments, etc.

No matter which way you choose to obtain the service, we need the information of model, serial number, original purchase date and detailed problem description from you. Once we have confirmed that any parts need to be repaired or replaced, it is required that you carry or send your products to the SensaSound dealer where you bought them. Please note, that we also need your warranty card and purchase proof, so keep them in a secured place after your purchase of SensaSound products.

Important:

Please do not entrust any repair work to unauthorized person or party. Only the authorized SensaSound dealers and distributors can provide the original components necessary for servicing the products. We do not warranty any service to any modified parts that are not from authorized ways.

Warranty does not include (but are not necessarily limited to) :

- Those caused by force majeure and acts of nature.
- Damages caused by any use other than correct use described in the user manual.
- Damage caused by improper installation, adjustment or was installed in seal up environment.
- Damage caused by shipment other than arranged by SensaSound.
- Bought, repaired, modified or use of parts that are not made or authorized by SensaSound.
- If the serial number has been altered, defaced or removed.
- For deterioration of component parts, the nature of which is to become worn or depleted with use.

Shipping charge:

If the repairs are covered by the warranty, you need to pay for the charge incurred by sending the product to the maintenance point, and SensaSound will pay the return shipping charge. We provide all support and guidance to make sure the process moves smoothly.